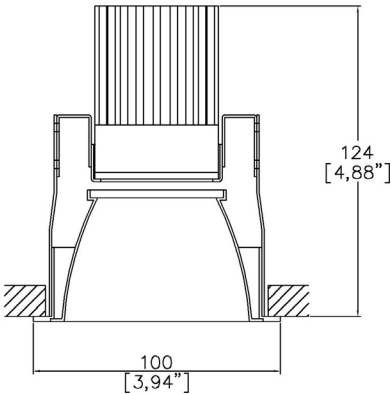


ProSpex 100



100mm (3.94”) overall diameter. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Required depth height + 25mm^



100-LED

LED Source	LED51SS
CCT	3000K
Drive Current	500mA
Power inc Driver	6.75W
Beam Angle	7°
Delivered Lumens	418
Delivered Intensisty cd	15929
Efficacy lm/w	62
Forward Volt	11.5V
CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

Fixture Order Code: 100-LED - - - -

Fixture

100-LED

Reflector100 Fixed with LED51

Reflector Finish

PS
SS
CG
BK
WH

Polished Silver
Satin Silver
Champagne Gold
Black
White

Trim Finish

WH
BK
RAL

White
Black
Custom RAL Colour*

IP Rating

54

IP54

Emergency

E
ED
ES

Maintained 3hr Emergency
Maintained 3hr DALI Self Test
Maintained 3hr Self Test

LED Order Code: LED51SS - - 7 -

LED

LED51SS

LED51 SuperSpot

CCT

927
930
940

90 CRI 2700K
90 CRI 3000K
90 CRI 4000K

Beam

7

7°

Protocol

S
A
P
D
B

Non-Dim
Analogue (0-10v)
Phase
DALI
Bluetooth**



Honeycomb Louvre



Diffusing Lens



Frosted Lens



Heavy Spread Lens



Linear Spread Lens



Warm Tone

Accessories Order Code:

- Louvre/Lens
- LL45 Honeycomb Louvre
 - LLCC Warm Tone Lens
 - LLUV UV Lens
 - LLDF Diffusing Lens
 - LLFR Frosted Lens
 - LLLS Linear Spread Lens
 - LLHS Heavy Spread Lens

Technical Details

*Custom RAL code must be specified. Custom RAL colours can increase prices and lead times

Dimming. Whilst Lucent can offer the majority of its luminaires with various dimming options, it remains the responsibility of the specifier/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

**Bluetooth (wireless) is the communication method. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or bluetooth devices.

^ Depth indicated is the minimum recess depth for the luminaire with a remote mounted LED driver. Installing a driver through either the luminaire cut-out or installation kit may require additional recess depth, please refer to the relevant luminaire installation instructions for further details.Data correct at time of publishing

First Fix Requirement. Luminaire comprised of fixture body with ceiling trim and installation kit, which is to be fitted into the ceiling once finished. Ensure correct alignment of the installation kit before final assembly (see luminaire instllation instructions for details)

IP Rating. Tested from underside of the ceiling

It is the policy of Lucent Lighting to continually review and improve its products and therefore reserve the right to change any details of product or withdraw specifications without prior notice.

Luminaires designed to comply with EN60598 and all other standards.

This specification sheet superseded all previous versions.

All intellectual property rights pertaining to the product described above and to this document are owned by or licensed to Lucent Lighting Ltd.

We reserve the right to take whatever action is necessary to protect those intellectual property rights.

Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

Light efficiency:

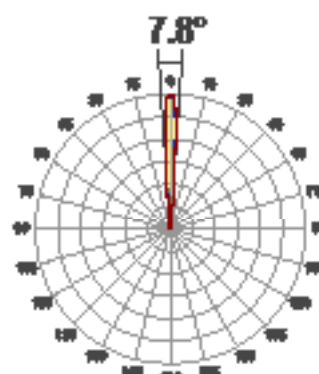
62 Lumen/Watt

Light quality:

CRI: 91.5

Color temperature:

3000 K



Product name:

ProSpex100 Fixed - LED515S-30-7-500mA

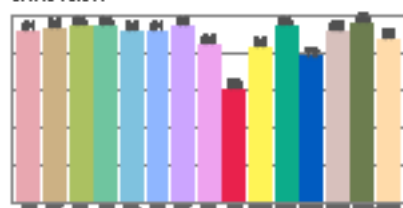
Item number:

100-LED - LED515S-30-7-500mA

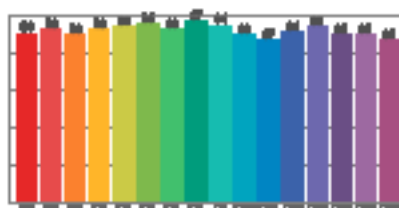
Delivered information for above fixture and LED combination.

Output: 418 Lumen Peak intensity: 15329 cd Power consumption: 6.7

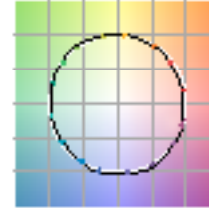
CRI values



TMC C Values

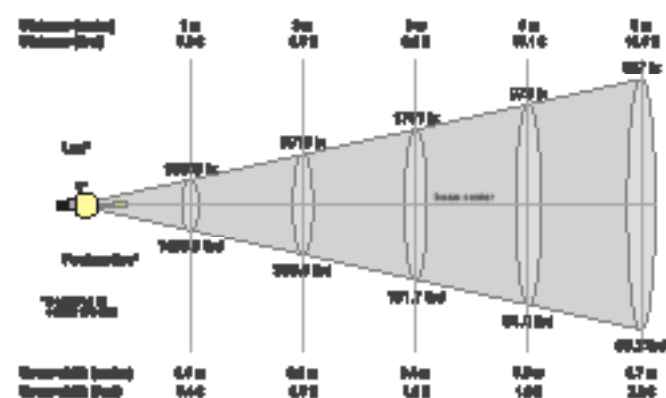


Color vector graphic



Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector
OCT	CRI	CRI R9	TMC R17	TMC R19	CIE	X	Y	u	v	Z
3000 K	91.5	85.5	91.4	89.8	91.1	0.437	0.404	0.248	0.248	0.0004

Beam details



Beam spread

Beam angle 50%	Field angle 90%	Cutoff angle 2.4%
7.8°	13.2°	21.3°

Beam intensities

Peak intensity	Int. ratio to 120° cone	Int. ratio to 60° cone
15329 cd	88.5%	88.2%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
15665lx	3916lx	1741lx	979lx	627lx	435lx	320lx	245lx	193lx	157lx	129lx	109lx	93lx	80lx	70lx	61lx	54lx	48lx	43lx	39lx
1455.3fcd	363.8fcd	161.7fcd	91fcd	58.2fcd	40.4fcd	29.7fcd	22.7fcd	18fcd	14.6fcd	12fcd	10.1fcd	8.6fcd	7.4fcd	6.5fcd	5.7fcd	5fcd	4.5fcd	4fcd	3.6fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.9

4000K = 1.08